## WEDNESDAY, JUNE 29, 1988

12:00 *Fetal Opiate Exposure and Variations in Gender-Related Behavior during Childhood*
B. Ward and D. M. Kopertowski, L. Finnegan, D. E. Sandberg, Villanova University, Villanova, PA, Thomas Jefferson University, Philadelphia, PA and Columbia University, New York, NY

12:15 *Methadone Exposure in Utero: Assessing the Risk Factors*
K. Kaltenbach, Thomas Jefferson University, Philadelphia, PA

12:30 *Cocaine, Race and HIV Infection in IV Drug Users*
R. E. Chaisson, D. Osmond, P. Bacchetti, B. Brodie, M. A. Sande, A. R. Moss, University of California at San Francisco and San Francisco General Hospital, San Francisco, CA

12:45 *Control of HIV Infection in Intravenous Drug Users in San Francisco*
A. R. Moss, R. E. Chaisson, D. Osmond, P. Bacchetti and R. Meakin, University of California at San Francisco and San Francisco General Hospital, San Francisco, CA

1:00 *High Risk Behaviors for HIV Infection in the General Population: Data from the ECA Study*
L. B. Cottler and J. E. Helzer, Washington University School of Medicine, St. Louis, MO

1:15 *Pilot Trial of Small Group AIDS Education with IV Drug Abusers*
J. L. Sorensen, D. Gibson, C. Heitzmann, A. Calvillo, R. Dumontet, E. Morales and A. Acampora, University of California at San Francisco, CA

### *LUNCH AND AFTERNOON BREAK* — 1:30 - 5:30 P.M.

### POSTER SESSION A — 5:30 - 7:00 P.M.

1. *Synthesis and Binding Studies of Affinity Ligands Based on Ditolylguanidine (DTG). A Study of their Interactions with the Sigma Binding Site*
   C.-H. Kim, A. Reid, R. B. Rothman, A. E. Jacobson and K. C. Rice, NIDDK, NIH, and NIMH, Bethesda, MD
2. *Cerebral Sonographic Characteristics and Maternal and Neonatal Risk Factors in Infants of Opiate-Dependent Mothers*
   M. E. Pasto, S. E. Ehrlich, L. Graziani, A. Kurtz, B. Goldberg, K. Kaltenbach and L. Finnegan, Thomas Jefferson University, Philadelphia, PA
3. *Women at Risk for AIDS and the Effect of Educational Efforts*
   C. Arenson and L. Finnegan, Thomas Jefferson University, Philadelphia, PA
4. *Cocaine and Pregnancy: Maternal and Infant Outcome*
   S. Livesay, S. Ehrlich, L. Ryan, and L. Finnegan, Thomas Jefferson University, Philadelphia, PA
5. *Tolerance and Cross-Tolerance to 3,4 Methylenedioxymethamphetamine (MDMA), Methamphetamine and Methylenedioxyamphetamine*
   J. P. Zacny, R. M. Virus, M. S. Kleven, L. S. Seiden and W. L. Woolverton, Drug Abuse Research Center, Pritzker School of Medicine, University of Chicago, Chicago, IL
6. *The Prevalence of HTLV-1 and HIV-1 Infection in Intravenous Drug Abusers in an AIDS Endemic Area*
   L. S. Brown, Jr., H. Lee, M. Cerney, J. P. Allain, B. J. Primm, A. Chu and K. Foster, Addiction Research and Treatment Corporation, Brooklyn, NY, Abbott Laboratories, Chicago, IL, and Harlem Hospital Center, College of Physicians and Surgeons, Columbia University, NY, NY
7. *Sexual Behaviors of Intravenous Drug Abusers: Implications for Heterosexual HIV Transmission*
   L. S. Brown, Jr., B. J. Primm, A. Chu, and K. Foster, Addiction Research and Treatment Corporation, Brooklyn, NY and Harlem Hospital Center, College of Physicians and Surgeons,

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8. *Trends in HIV Infection among Intravenous Drug Abusers in an Economically Impoverished Area*
L. S. Brown, Jr., R. Battjes, B. J. Primm, A. Chu and K. Foster, Addiction Research and Treatment Corporation, Brooklyn, NY, NIDA, Rockville, MD, and College of Physicians and Surgeons, Columbia University, New York, NY

9. *Effects of Triazolam on the Acquisition and Performance of Response Chains in Humans*
W. K. Bickel, S. T. Higgins and J. R. Hughes, University of Vermont, College of Medicine, Burlington, VT

10. *Effects of Nicotine on Physiological and Subjective Responses to a Repeated Stressor*
L. H. Epstein, K. A. Perkins, S. Pastor and J. R. Jennings, Western Psychiatric Institute and Clinic, University of Pittsburgh School of Medicine, Pittsburgh, PA

11. *The Prevalence of IV Drug Use and Needle Sharing among Heroin Addicts during and after Methadone Maintenance Treatment*
J. C. Ball, W. R. Lange and B. S. Brown, NIDA Addiction Research Center, Baltimore, MD

12. *Synthesis and Biochemical Evaluation of MK-801 Analogues. C5-Substituted Derivatives of* (+)- *and* (±) *10,11-Dihydro-5H-dibenzo[a,d]cyclohept-5,10-imine*
J. A. Monn, A. E. Jacobson, M.V. Mattson, K. C. Rice, D. O. Kiesewetter and R. B. Finn, NIDDK and Clinical Center, NIH, Bethesda, MD

13. *Meta Substituted (1-Phenylcyclohexyl)-1,2,5,6-Tetrahydropyridines. Synthesis and Structure Activity Relationships*
A. Thurkauf, M.V. Mattson, B. D. DeCosta, A. E. Jacobson, K. C. Rice, C. P. France and J. H.Woods, NIDDK, NIH, Bethesda, MD, and University of Michigan Medical School, Ann Arbor, MI

14. *Synthesis and Evaluation of Potential Selective Sigma Ligands*
N. Grayson, A. E. Jacobson, W. Bowen, L. Bluth and K. C. Rice, NIDDK, NIH, Bethesda, MD, and Brown University, Providence, RI

15. *Analogs of the Phencyclidine Agonist Dexoxadrol. Synthesis and Structure - Activity Relationships.*
A. Thurkauf, M. V. Mattson, D. Goodwin, A. E. Jacobson, and K. C. Rice, NIDDK, NIH, Bethesda, MD

16. *Amphetamine and Cocaine Self-Administration are Mediated by Different Mechanisms: The Influence of Dopamine and Serotonin Transporters*
M. C. Ritz and M. J. Kuhar, NIDA Addiction Research Center, Baltimore, MD

17. *Problem Severity in Cocaine Versus Opiate Addiction*
M. Droba, T. McLellan, L. Goehl and F. deJesus, VA Medical Center, University of Pennsylvania, Philadelphia, PA

18. *Waiting for Treatment: Behaviors of Cocaine Users on a Waiting List*
B. S. Brown, J. E. Hickey, A. S. Chung, R. D. Craig and J. H. Jaffe, NIDA Addiction Research Center, Baltimore, MD

19. *The Effects of Methylephedrine, Chlorpheniramine and Caffeine on Intravenous Self-Administration of Dihydrocodeine in Rhesus Monkeys*
Y. Wakasa and T. Yanagita, Central Institute for Experimental Animals, Kawasaki, Japan

20. *Drinking and Drug Taking in Children from Alcoholic and Nonalcoholic Families*
J. L. Johnson, NIDA Addiction Research Center, Baltimore, MD

21. *Effect of Repeated Administration of a Combination of U-50,488H and CPZ on Body Temperature of Rats*
R. P. Martinez, E. B. Geller, and M. W. Adler, Temple University School of Medicine, Philadelphia, PA

22. *Chronic Administration of SCH23390 Produces Sensitization to the Discriminative Stimulus Properties of Cocaine*
M. W. Emmett-Oglesby and D. A. Mathis, Texas College of Osteopathic Medicine, Ft. Worth, TX

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23. *Birthweight as a Predictor of Cognitive Vulnerability to Alcohol's Teratogenic Effects*
    C. D. Coles, I. E. Smith, K. A. Platzman and A. Falek, Georgia Mental Health Institute and Emory University School of Medicine, Atlanta, GA
24. *Morphine-Induced Immunosuppression: Involvement of Glucocorticoids and Prolactin*
    H. U. Bryant, E. W. Bernton and J. W. Holaday, Walter Reed Army Institute of Research, Washington, D.C.
25. *Use of the Formalin Test in Rats as a Tonic Pain Model*
    H. Wheeler, F. Porreca and A. Cowan, Temple University School of Medicine, Philadelphia, PA
26. *Chronic Pain and Substance Abuse: A Pilot Study of Narcotic Maintenance*
    J. A. Kennedy and T. J. Crowley, University of Colorado Medical School, Denver, CO
27. *Sex Differences in Hospitalized Cocaine Abusers*
    R. D. Weiss, M. L. Griffin, S. M. Mirin and U. Lange, Alcohol and Drug Abuse Treatment Center, McLean Hospital, Belmont, MA, and Harvard Medical School, Boston, MA
28. *Rats Rapidly Learn to Self-Administer Sufentanil in Aerosol Form*
    L. G. Sharpe, J. H. Jaffe and A. B. Jaffe, NIDA Addiction Research Center, Baltimore, MD
29. *Plasma Neurochemical Markers in Drug Dependence to Select Treatment Agents and Predict Outcome*
    F. Tennant, Community Health Projects Medical Group, West Covina, CA
30. *Effects of Alcohol Intoxication and Hangovers on Subsequent Drinking*
    C. Smith, S. Bookner and F. Dreher, State University of New York, Buffalo, NY
31. *Ethanol Self-Administration is not Related to Behavioral or Biochemical Sensitivity to Ethanol*
    M. C. Ritz, G. I. Elmer, T. Suzuki, R. A. Meisch and F. R. George, NIDA Addiction Research Center, Baltimore, MD
32. *Mediation of Ethanol Self-Administration by Prostaglandin Synthetase Inhibitors*
    F. R. George, NIDA Addiction Research Center, Baltimore, MD
33. *Effects of Nifedipine (a $Ca^{++}$ Modulator) Pretreatment on Cardiovascular and Subjective Responses to Intravenous Cocaine Administration in Humans*
    C. Muntaner, K. M. Kumor and J. H. Jaffe, NIDA Addiction Research Center, Baltimore, MD
34. *Brain Structural Abnormalities Correlated with Severity of Alcohol but Not Opioid or Cocaine Use*
    N. G. Cascella, D. F. Wong, G. Pearlson and E. D. London, NIDA Addiction Research Center and Johns Hopkins University, Baltimore, MD
35. *Chronic Buprenorphine Administration on the Human Electroencephalogram (EEG)*
    W. Pickworth, B. Koeppl, H. Lee and P. J. Fudala, NIDA Addiction Research Center, Balt., MD
36. *Physiological and Behavioral Effects of a Rapid Dose Induction of Buprenorphine in Heroin-Dependent Volunteers*
    P. J. Fudala, E. J. Cone, A. I. Dorbert and R. E. Johnson, NIDA Addiction Research Center, Francis Scott Key Medical Center, Baltimore, MD
37. *Effects of Daily Versus Alternate-Day Dosing of Buprenorphine in Heroin- Dependent Volunteers*
    R. E. Johnson, P. J. Fudala and N. A. Kreiter, NIDA Addiction Research Center, Francis Scott Key Medical Center, Baltimore, MD
38. *A Survey of Urinalysis Screening Policies Among Methadone Maintenance Clinics*
    A. J. Saxon, D. A. Calsyn, V. M. Haver and L. Erickson, Seattle Veterans Administration Medical Center, University of Washington School of Medicine, and Seattle University School of Education, Seattle, WA
39. *A Survey of How Urinalysis Results are Utilized by Methadone Maintenance Clinics*
    D. A. Calsyn, A. J. Saxon and D. C. Barndt, Seattle Veterans Administration Medical Center, University of Washington School of Medicine, Seattle Univ. School of Education, Seattle, WA

*CLAMBAKE* — 7:15 P.M.

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